

UNIVERSAL UNINTERRUPTIBLE POWER SUPPLY INPUT
CIRCUITRY AND METHODS FOR CONFIGURING SAME

Abstract of the Invention

5 Systems and methods of universal
uninterruptible power supply (UPS) input circuitry are
provided. The input circuitry of the present invention
enables a UPS system to simply connect and operate in
conjunction with any suitable backup power system. In
10 particular, once a user indicates what backup system is
attached to the input circuitry, a software unit
automatically configures the input circuitry to operate
with the coupled backup system. Once configured, the
software unit may control portions of the input circuitry
15 such that power is continuously provided to a load. For
example, once a user indicates that a flywheel based
backup system is attached, the software unit may instruct
the input circuitry to maintain a predetermined flywheel
speed (e.g., RPM) to ensure that the system is in
20 constant ready state to deliver backup power.